

OIPF

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/841,158

DATE: 05/08/2001  
 TIME: 15:48:30

Input Set : A:\Seqlist.txt  
 Output Set: N:\CRF3\05082001\I841158.raw

**ENTERED**

4 <110> APPLICANT: BEASLEY, Ellen M.  
 6 <120> TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,  
 7 NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND  
 8 USES THEREOF  
 10 <130> FILE REFERENCE: CL001229  
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 C--> 12 <141> CURRENT FILING DATE: 2001-04-25  
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 14 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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 17 <211> LENGTH: 1722  
 18 <212> TYPE: DNA  
 19 <213> ORGANISM: Human  
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 24 gttagagaagt tgggcccagca cctcttacct tggatggacc ggctttccct ggagcaactg 180  
 25 aaccccagca tctatgtggg cctacgcctc tccagtctgc aggcctggac caaggaagac 240  
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 27 gaggatgaag gtgactgcca ggccaagcct tccatgggac agctggccct ctactgctc 360  
 28 gctctcagag ccaactgtga gtttgtcagg ggccacaagg gggacaggct ggtctcacag 420  
 29 ctcaaatggt tcttgaggga tgagaagaga gccattgaca cagcagccat ggcaggcttg 480  
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 32 aatgtctaca gcacccattt ggcattacag ttctctatga cttcccccat gcgtggggca 660  
 33 gaaactgggaa cagcatgtct caaggcgagg gttgtcttgc tggccagtct gcaggatgga 720  
 34 gctctccaga atgtctctc gatttcccag ctgctgcccg ttctgaacca caagacctac 780  
 35 attgatctga tcttcccaga ctgtctggca ccacgagtca tgttggaaac agctgctgag 840  
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 37 ccgtacagac agtccatctc tgttctggcc ggggtccacc tggaaagtgt cctgaagaag 960  
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 47 gaagaccact cgttctgttg ttgggtcctt gcaagaaggc ctctcagcc cgggggctat 1560  
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 52 <210> SEQ ID NO: 2  
 53 <211> LENGTH: 1896  
 54 <212> TYPE: DNA  
 55 <213> ORGANISM: Human

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57 &lt;400&gt; SEQUENCE: 2

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59 agagcctcag cagggccagc cccaggagtc ttccccgatt cttgctcact gctcacccac 120
60 ctgctgctgc catgaggcac cttggggcct tcctcttcct tctggggggtc ctggggggccc 180
61 tcaactgagat gtgtgaaata ccagagatgg acagccatct ggtagagaag ttggggccagc 240
62 acctcttacc ttgatgggac cggctttccc tggagcactt gaaccccagc atctatgtgg 300
63 gctacgcct ctccagtctg caggctggga ccaaggaaga cctctacctg cacagcctca 360
64 tgccttggtta ccagcagtcg ctccataggt ctgccttcag cgaggatgac ggtgactgcc 420
65 agggcaagcc ttccatgggc cagctggccc tctacctgct cgtctcaga gccaaactggc 480
66 atgatcaca ggcccacccc cacactagct actaccagta tggcctgggc attctggccc 540
67 tgtgtctcca ccagaagcgg gtccatgaca gctgtgtgga caaactctct tatgctgtgg 600
68 aacctttcca ccagggccac cattctgtgg acacagcagc catggcaggc ttggcattca 660
69 cctgtctgaa gcgtcctaac ttcaacctct gtccgagaca acggatcacc atggccatca 720
70 gaacagtgg agaggagatc ttgaaggccc agaccccga gggccacttt gggaaatgtct 780
71 acagcacccc attggcatta cagttcctca tgaactcccc catgctggg gcagaaactgg 840
72 gaacagcatg tctcaaggcg agggttgctt tgcctggccag tctgcaggat ggagccttcc 900
73 agaattctct catgatttcc cagctgctgc cgtttctgaa ccacaagacc tacattgac 960
74 tgatcttccc agactgtctg gcaccacgag tcatgttgga accagctgt gagaccattc 1020
75 ctacagacca agagatcctc agtgtcacgc tgcaggtgct tagtctcttg ccgccttaca 1080
76 gacagtcct ctctgttctg gccgggtcca cgttgaaga tgcctgaag aaggcccatg 1140
77 agttaggagg attcacatat gaaacacagg cctccttctc aggccctac ttaacctccg 1200
78 tgatggggaa agcggccgga gaaagggagt tctggcagct tctccgagac cccaacaccc 1260
79 cactgttgca aggtattgct gactacagac ccaaggatgg agaaaccatt gagctgaggc 1320
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81 ctacctccc tctgatgtc cctggaacag gaactcgctt gacctgctg ccacctcctg 1440
82 tgcactttga gcaatgcccc ctgggatcac cccagccaca agccttctga gggccctata 1500
83 ccattggcca ccttgagca gagagccaag catcttcctt gggagctctt tctggccaag 1560
84 tctggccagc ctggccctgc aggtctccca tgaaggccac cccatggtct gatgggcatg 1620
85 aagcatctca gactccttgg caaaaaacgg agtccgcagg ccgcaggtgt tgtgaagacc 1680
86 actcgtctg tggttggggt cctgcaagaa ggcctcctca gccggggggc tatggccctg 1740
87 accccagctc tccactctgc tgttagagtg gcagctccga gctggttgt gcacagtagc 1800
88 tggggagacc tcagcagggc tgctcagtcg ctgcctctga caaaattaaa gcattgatgg 1860
89 cctgtgaaaa aaaaaaaaaa aaaaaaa aaaaaa 1896

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91 &lt;210&gt; SEQ ID NO: 3

92 &lt;211&gt; LENGTH: 376

93 &lt;212&gt; TYPE: PRT

94 &lt;213&gt; ORGANISM: Human

96 &lt;400&gt; SEQUENCE: 3

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97 Met Arg His Leu Gly Ala Phe Leu Phe Leu Leu Gly Val Leu Gly Ala
98 1 5 10 15
99 Leu Thr Glu Met Cys Glu Ile Pro Glu Met Asp Ser His Leu Val Glu
100 20 25 30
101 Lys Leu Gly Gln His Leu Leu Pro Trp Met Asp Arg Leu Ser Leu Glu
102 35 40 45
103 His Leu Asn Pro Ser Ile Tyr Val Gly Leu Arg Leu Ser Ser Leu Gln
104 50 55 60
105 Ala Gly Thr Lys Glu Asp Leu Tyr Leu His Ser Leu Lys Leu Gly Tyr
106 65 70 75 80
107 Gln Gln Cys Leu Leu Gly Ser Ala Phe Ser Glu Asp Asp Gly Asp Cys

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108          85          90          95
109 Gln Gly Lys Pro Ser Met Gly Gln Leu Ala Leu Tyr Leu Leu Ala Leu
110          100          105          110
111 Arg Ala Asn Cys Glu Phe Val Arg Gly His Lys Gly Asp Arg Leu Val
112          115          120          125
113 Ser Gln Leu Lys Trp Phe Leu Glu Asp Glu Lys Arg Ala Ile Asp Thr
114          130          135          140
115 Ala Ala Met Ala Gly Leu Ala Phe Thr Cys Leu Lys Arg Ser Asn Phe
116 145          150          155          160
117 Asn Pro Gly Arg Arg Gln Arg Ile Thr Met Ala Ile Arg Thr Val Arg
118          165          170          175
119 Glu Glu Ile Leu Lys Ala Gln Thr Pro Glu Gly His Phe Gly Asn Val
120          180          185          190
121 Tyr Ser Thr Pro Leu Ala Leu Gln Phe Leu Met Thr Ser Pro Met Arg
122          195          200          205
123 Gly Ala Glu Leu Gly Thr Ala Cys Leu Lys Ala Arg Val Ala Leu Leu
124          210          215          220
125 Ala Ser Leu Gln Asp Gly Ala Phe Gln Asn Ala Leu Met Ile Ser Gln
126 225          230          235          240
127 Leu Leu Pro Val Leu Asn His Lys Thr Tyr Ile Asp Leu Ile Phe Pro
128          245          250          255
129 Asp Cys Leu Ala Pro Arg Val Met Leu Glu Pro Ala Ala Glu Thr Ile
130          260          265          270
131 Pro Gln Thr Gln Glu Ile Ile Ser Val Thr Leu Gln Val Leu Ser Leu
132          275          280          285
133 Leu Pro Pro Tyr Arg Gln Ser Ile Ser Val Leu Ala Gly Ser Thr Val
134          290          295          300
135 Glu Asp Val Leu Lys Lys Ala His Glu Leu Gly Gly Phe Thr Tyr Glu
136 305          310          315          320
137 Thr Gln Ala Ser Leu Ser Gly Pro Tyr Leu Thr Ser Val Met Gly Lys
138          325          330          335
139 Ala Ala Gly Glu Arg Glu Phe Trp Gln Leu Leu Arg Asp Pro Asn Thr
140          340          345          350
141 Pro Leu Leu Gln Gly Ile Ala Asp Tyr Arg Pro Lys Asp Gly Glu Thr
142          355          360          365
143 Ile Glu Leu Arg Leu Val Ser Trp
144          370          375
147 <210> SEQ ID NO: 4
148 <211> LENGTH: 400
149 <212> TYPE: PRT
150 <213> ORGANISM: Human
152 <400> SEQUENCE: 4
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154 1 5 10 15
155 Leu Thr Glu Met Cys Glu Ile Pro Glu Met Asp Ser His Leu Val Glu
156 20 25 30
157 Lys Leu Gly Gln His Leu Leu Pro Trp Met Asp Arg Leu Ser Leu Glu
158 35 40 45
159 His Leu Asn Pro Ser Ile Tyr Val Gly Leu Arg Leu Ser Ser Leu Gln

```

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160      50      55      60
161 Ala Gly Thr Lys Glu Asp Leu Tyr Leu His Ser Leu Met Leu Gly Tyr
162 65      70      75      80
163 Gln Gln Cys Leu Leu Gly Ser Ala Phe Ser Glu Asp Asp Gly Asp Cys
164      85      90      95
165 Gln Gly Lys Pro Ser Met Gly Gln Leu Ala Leu Tyr Leu Leu Ala Leu
166      100     105     110
167 Arg Ala Asn Trp His Asp His Lys Gly His Pro His Thr Ser Tyr Tyr
168      115     120     125
169 Gln Tyr Gly Leu Gly Ile Leu Ala Leu Cys Leu His Gln Lys Arg Val
170      130     135     140
171 His Asp Ser Val Val Asp Lys Leu Leu Tyr Ala Val Glu Pro Phe His
172 145     150     155     160
173 Gln Gly His His Ser Val Asp Thr Ala Ala Met Ala Gly Leu Ala Phe
174      165     170     175
175 Thr Cys Leu Lys Arg Ser Asn Phe Asn Pro Gly Arg Arg Gln Arg Ile
176      180     185     190
177 Thr Met Ala Ile Arg Thr Val Arg Glu Glu Ile Leu Lys Ala Gln Thr
178      195     200     205
179 Pro Glu Gly His Phe Gly Asn Val Tyr Ser Thr Pro Leu Ala Leu Gln
180      210     215     220
181 Phe Leu Met Thr Ser Pro Met Arg Gly Ala Glu Leu Gly Thr Ala Cys
182 225     230     235     240
183 Leu Lys Ala Arg Val Ala Leu Leu Ala Ser Leu Gln Asp Gly Ala Phe
184      245     250     255
185 Gln Asn Ala Leu Met Ile Ser Gln Leu Leu Pro Val Leu Asn His Lys
186      260     265     270
187 Thr Tyr Ile Asp Leu Ile Phe Pro Asp Cys Leu Ala Pro Arg Val Met
188      275     280     285
189 Leu Glu Pro Ala Ala Glu Thr Ile Pro Gln Thr Gln Glu Ile Ile Ser
190      290     295     300
191 Val Thr Leu Gln Val Leu Ser Leu Leu Pro Pro Tyr Arg Gln Ser Ile
192 305     310     315     320
193 Ser Val Leu Ala Gly Ser Thr Val Glu Asp Val Leu Lys Lys Ala His
194      325     330     335
195 Glu Leu Gly Gly Phe Thr Tyr Glu Thr Gln Ala Ser Leu Ser Gly Pro
196      340     345     350
197 Tyr Leu Thr Ser Val Met Gly Lys Ala Ala Gly Glu Arg Glu Phe Trp
198      355     360     365
199 Gln Leu Leu Arg Asp Pro Asn Thr Pro Leu Leu Gln Gly Ile Ala Asp
200      370     375     380
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205 &lt;210&gt; SEQ ID NO: 5

206 &lt;211&gt; LENGTH: 27067

207 &lt;212&gt; TYPE: DNA

208 &lt;213&gt; ORGANISM Human

210 &lt;220&gt; FEATURE:

211 &lt;221&gt; NAME/KEY: misc\_feature

## RAW SEQUENCE LISTING

DATE: 05/08/2001

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TIME: 15:48:31

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\05082001\I841158.raw

212 &lt;222&gt; LOCATION: (1)...(27067)

213 &lt;223&gt; OTHER INFORMATION: n = A,T,C or G

215 &lt;400&gt; SEQUENCE: 5

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218 atcagaagtg actctctgga aggatgctgc tgcctctcac cagaggtgta cgataacgaa 180
219 ggcatacttc catggccacc tctccaggc tgccttctcg gaaataggaa tcataatagt 240
220 tgttaactga aacaggcaga ggggttgggg agccaaggca gtcccaccca ggaccaaggt 300
221 ggcctcattg cacacaattc acctgaact cctgaagggt ccaaacgtgc ggttctgcgg 360
222 aagttggggt ccccaactgc ctccctcctt cctcagaacc tcagggggtg ctctctctag 420
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224 taaacagaca caggttgctg tatttattta tgtcaagggc ttggtttgtg ataagtcagg 540
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228 ttttaaaaga gagaggttaa gtgaactgac caaagtcaca cagccaccac tagttaactc 780
229 gtatacattg attctctgtt ggggttgggc agatgaggaa tcttttgttc tcttccctgt 840
230 ttgcagagat tttttttgag gtaactttcc gagttctggc aagtacctct gcttctggta 900
231 gctttgtgtc tcgattcaat ctcatctctt ttattttatt ttatttttga gacagggctc 960
232 cactttgtca cccaagctgg agtgcagtg tgaatcttg gctcactgta gcctccact 1020
233 cttgggttca agcgtactc ctgctcagc cccccaagta gctgggatta cagacgtctg 1080
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Input Set : A:\Seqlist.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
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Input Set : A:\Seqlist.txt

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L:492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID# 5  
L:493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID# 5